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1611 Craig Street
Raleigh, N. C.

CLUB REPEATER:
WR4ACF (146.04/64)

CLUB CALL:
W4DW

RALEIGH AMATEUR RADIO SOCIETY
RARS
WORLDWIDE FRIENDSHIP

ARRL AFFILIATE

"RALEIGH AMATEUR RADIO SOCIETY NEWS"

OCTOBER 1978 ISSUE 108

ROLLIN ROLLING ON WITH NEWSLETTER DISTRIBUTION

Rollin Ransom, WD4NWO, is a man of action in getting your newsletter in the mail.

The printer had the September issue of the newsletter ready at noon the Friday before meeting day.

Ninety minutes after Rollin picked them up at the printing office, he had them all addressed and stamped and in the mail. The postman delivered it to your box next day.

Bill Feehan, WB4EOV, supplies address stickers.

Rollin sticks on the address labels and the first class stamps and takes the newsletters to the post office. The mail list contains about 150 names.

Rollin is also responsible for distribution to electronics stores in Raleigh.

He hasn't figured out how to do that in 90 minutes yet.

NOMINATIONS OCTOBER 4

Nominations are to be made at the October 4 meeting for a new vice president and a new treasurer of RARS.

The two-year terms of Vice President Lynn Pendleton and Treasurer Ralph Rigdon expire this year.

Your suggestions are needed.

Your active participation in the nomination process is strongly encouraged.

PUBLISHED MONTHLY BY THE RALEIGH AMATEUR RADIO SOCIETY, INC., P.O. BOX 17124, RALEIGH, NORTH CAROLINA 27609 ■ MATERIAL CONTAINED HEREIN MAY BE REPRINTED WITHOUT PRIOR PERMISSION WITH CREDIT GIVEN THIS PUBLICATION ■ TECHNICAL EDITOR - JACK KENNEY, WB4MCU ■ EC, WAKE CO. - BERT BAILEY, W4FMN ■ OFFICERS: PRESIDENT - CHUCK LITTLEWOOD, K4HF; VICE PRESIDENT - LYNN PENDLETON, K4NYV; SECRETARY - JIM PEELER, WA4YOM; TREASURER - RALPH RIGDON, WB4SDU ■ PRINTED BY QUIKCOPY, RALEIGH, NORTH CAROLINA 27608

The nominating committee needs the benefit of your thinking.

The club is growing and it needs the very best leadership it can muster. That leadership must come from within the ranks.

Let the committee hear from you.

Al Clement, N4VF, is chairman of the nominating committee. Members are Bob Corns, K4MC, Pat Whetzel, WA4CLT, and C. T. West, WD4HSI.

Corns' Corner

THE TAR HEEL NET

by

Bob Corns, K4MC

I go to the Tar Heel Net with traffic from time to time. I noticed they have changed the format for handling traffic. It used to be that it took 30 minutes to call the roll and ask for traffic. Now it is much easier to pass traffic.

Now net control asks for a Fourth Region station and then calls for any out-of-state traffic. After passing this, the roll is called and traffic is listed. Net control will interrupt the normal procedure if someone has to leave early.

The net's attitude toward traffic has improved to the point where almost anything that comes to the net is moved.

Third party traffic:

Messages to third parties may be legally sent to the following countries, provided they are not of an economic or political nature. (Birthday and Christmas greetings and medical messages are usually acceptable.)

LU, CP, PY, VE, CE, HK, TI, CO, HI, HC, YS, 9G1, TG, 8R, HH, HR, 4X4, 6Y5, JY, EL, XE, YN, HP, ZP, OA, 9Y4, CX, YV.

Third party traffic to a few other places is available on a temporary basis from time to time.

FOR SALE OR TRADE: Galaxy V MK II HF transceiver with remote VFO, CW filter, and speaker console with power supply. Call K4YRC at 782-9535 after 6:00 p.m.

an extraordinary combination of digitally synthesized receivers...

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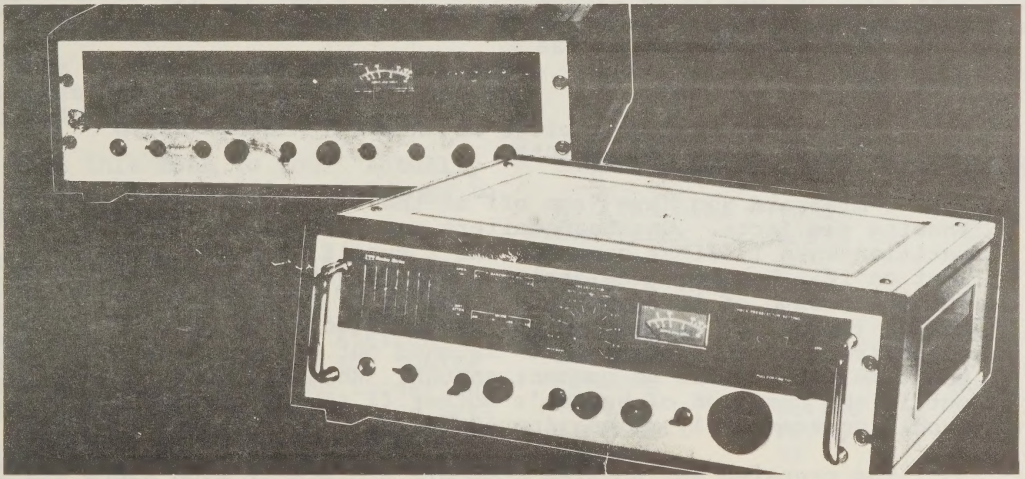


ITT Mackay Marine 3020A and 3021A Radio Receivers feature solid state construction, dual conversion and super-heterodyne design providing continuous frequency coverage from 15kHz to 29.9999MHz. Frequency selection is accomplished by step tuning, while the 3021A Receiver uses sweep tuning. These receivers meet strict requirements of British MPT, German FTZ, Norwegian NTA, Dutch and Spanish PTT and Canadian DOC, and can be used wherever maximum reliability and ease of maintenance are required.

Write or call Ed Engebretson, General Sales Manager today for complete information on these two quality, high performance receivers.

ITT Mackay Marine, 2912 Wake Forest Road, Raleigh, North Carolina 27611. Telephone: (919) 828-4441.

ITT Mackay Marine
Mr. Ed Engebretson, General Sales Manager
2912 Wake Forest Road
Raleigh, North Carolina 27611

Please send complete FREE information on the exciting new:

☐ 3020A Step Tuning Receiver
☐ 3021A Sweep Tuning Receiver

NAME _____ TITLE _____
COMPANY _____
ADDRESS _____
CITY _____ STATE _____ ZIP _____
COUNTRY _____

Federal Supply Schedule Group 58 Part VII, Contract GS-OOS-24016

ITT *Mackay Marine*

CST

September 8, 1978

Mr. C. T. West, WD4HSI
1611 Craig Street
Raleigh, NC 27608

Dear OM:

I have just read your piece in "Raleigh Amateur Radio Society News" about FCC RM-3059.

I'm afraid you have "run off at the typewriter" without knowing the facts. The headquarters was fully aware of this petition when it first came out and I myself prepared a comment on it. However, the decision was to wait to see if FCC thought enough of it to put out a Notice of Proposed Rule Making (NPRM), at which time our comments would be more effective. If the petition is "laughed out of court" in the meantime, this would be comment enough. We don't want to be put in the position of Hamlet's mother (i.e., protesting too much), unnecessarily alienating APCO.

The prepared but unfiled comments are pretty much along the lines of your last paragraph. 73.

Sincerely,

George Hart

George Hart, W1NJM
Communications Manager

GH:sms

by
RON, AA4VK

CQ WORLD WIDE DX PHONE CONTEST
0000Z, October 25, through 2400Z,
October 26

Yes, this is the big month of the year- the biggest contest of the year- the CQ World Wide DX Phone Contest.

What does this mean to you? Actually a DX contest means different things to different people.

For the contester, it is the obvious, an opportunity to put that contest station to the test against some big competition. First is the station preparation - checking out and tuning all the antennas, replacing those "soft" finals, arranging the station for maximum operating efficiency, sharpening pencils, and getting plenty of log paper and scratch paper ready. Second, is the planning phase - whether to operate "single band" or "all band". If the decision is "all band", it means further planning. An operating schedule is developed - What band do I start out on? When do I change bands? and of course when do I eat and sleep?

For the veteran DX'er, it is an opportunity to work a new country. Generally several DXpeditions take place during a big contest, and this years CQ World Wide DX Phone Contest is no exception. At press time Potomac Valley Radio Club is going to Curacao, West Palm Beach Radio Club to Turk & Caicos, ZL's to Chatham Island, and K1CO & Company to Sint Maarten. This is not to mention many other rare DX stations who might not be on otherwise.

For the newcomer to DX'ing, it is a chance to work a lot of new countries, work all continents (WAC) and generally give the "ole rig" a good workout.

For the General class licensee, it is a chance to find the band full of DX above 14.275 and 21.350 and on 10 meters.

For the station running 100 watts to a dipole, it's to discover enough DX for everybody (spread out from 28.500 MHz all the way to 28.800 MHz).

And of course for the non-DX'er, it's a good time to cut the grass, paint the house, or go fishing because the bands will be utter chaos on all bands with QRM.

Before we go any further, let's take a look at a few other points of interest to the RARS DX'er.

UPCOMING DXPEDITIONS		BEGINNING
Mellish Reef	VK9ZR	Sept. 29
San Felix	CEØXX	Oct. 25
Curacao	PJ	Oct. 25
Turks & Caicos	VP5	Oct. 25
Chatham	ZL	Oct. 25
Jan Mayen	JX9WT	Nov. 15
San Andres	HKØ	Nov. 25
Navassa	KP2	Nov. 25
IRAQ	YI1BGD	Nov. 25
Glorioso	FR7ZL	Nov./Dec.
Bouvet	3Y	Dec. 31

DX NEWS FLASH

ARRL announces two (2) new DXCC countries:

(1) United Nations Headquarters in New York. Call sign is 4U1UN. Criteria used for country status was same as for 4U1ITU Geneva. 4U1UN being heard from 1600Z-1700Z M-F between 14.200 MHz and 14.310 MHz (lunch break at the UN building).

(2) Desecheo Island located off the coast of Puerto Rico. Call sign prefix will be KP.

UPCOMING DX CONTESTS

VK/ZL/Oceania Phone	Oct. 7/8
VK/ZL/Oceania CW	Oct. 14/15
RSGB 21/28 MHz Phone	Oct. 15
RSGB 7 MHz Phone	Oct. 21/22
CQ WW DX Phone	Oct. 28/29
RSGB 7 MHz CW	Nov. 4/5
CQ WW DX CW	Nov. 25/26
ARRL 160M	Dec. 2/3
ARRL 10M	Dec. 9/10

RARS DX'ERS

K4NYV, Lynn has added an MLA-2500 amplifier to his Collins station. Also, a tribander and 100 ft. tower is in the works. Gud for us SSB'ers that Lynn works mostly CW.

W4FMN is preparing to raise a 3EL Yagi (could Bert be trading 2M traffic handling for DX?) Actually Bert has several DXCC's, one from Okinawa as a KR6.

Yours truly, AA4VK, has added an MLA-2500 to the station line-up. Got tired of operating "QRP" (that means "barefoot" in 20M DX language- everything is relative - Hi).

WB4SZZ, Ham is coming out of DX retirement with a 4EL Cushcraft at 65 ft. With Ham's amplifier expertise, I'm sure there's a couple of "spare" watts in the planning.

DX WORKED:

KA4AVO	HC8GI	Galapagos Is.
AA4BA	VR6TC	Pitcairn Is.
KB4BH	OY5J	Faroe Is.
WD4GXO	OY5J	Faroe Is.
WA4JJW	9N1MM	Nepal
K4NYV		
WA4PDP	TR8LE	Gabon (10M)
AA4VK	C21IB	Nauru Is.
WB4WXA	P29NYL	New Guinea (10M)
WB4YBF	FC9UC	Corsica Is.
WA4YOM	4U1UN	United Nations

QSL INFORMATION

As any veteran DX'er knows, it is usually more difficult to confirm a DX contact than to make the contact itself. The more common QSL methods are as follows: (1) via ARRL Buro, (2) W3KT QSL Service, (3) Direct, (4) Direct with IRC's, and (5) QSL managers. A lot can be written about each of these methods, however, at this time we will discuss only QSL'ing via a manager. The QSL manager is generally a stateside volunteer who fills out the QSL cards for the DX station and mails them using just 15 cents postage for W & K types. However, you are required to furnish the QSL manager an SASE to defray some of the expense to the DX station. A QSL card by a manager is almost 100% sure. Allow 3 to 4 weeks for QSL manager to receive log information. The most well known QSL manager is Joe Arcure, W3HNK. Joe handles QSL's for over 150 DX stations and has a reputation for excellent service. When a DX station tells you to QSL via W3HNK, you can count that country as confirmed. Joe was kind enough to send us his updated list for reprint in this column. Save this list for future reference. How many have you already worked?

QSL VIA W3HNK
P.O. Box 73
Edgemont, Pa. 19028

CN8BG	KP4DIW	VP8LC
CQ6LF	KP4KD	VP8OD
CR6KT	KP4RF	VS6AI
CR6LF	KR6HR	VS6DD
CR7GJ	KV4EN	WA5UKR/YV5
CT1BT	KV4EY	WA5VKJ/HBØ
CT1FL	LX1BW	WA5VKJ/LX
CT1MZ	N7DC/YV5	WA7SIN/4X
CT1RM	OD5CS	XP1AA
CT1TZ	OD5JJ	XW8EO
CT1UA	ON8UH	XW8FN
CT1UD	OX5AP	XW8GV
CT1UE	OX5AU	YA1VKJ
CT1ZW	OY3H	YS1ESH
CT2AK	OY5NS	YS1GDD
CT2JAM	OY7BD	YS1GMV
CT2SH	OY7JD	YS1JWD
CT3AF	OY9LV	JS1RRD
CT6UA	PAØCOE	YS1SC
CT7RM	PAØHVM	YV4CB
CT7UA	PJ8AR	YV5CEY
CWØA	PJ8UQ	ZE4JS
CX3BR	PJ8YL	ZS3CJ

DA2DX	PY1CZL	XS3R
DA2DX/HB	PY1DBE	ZP5AL
DA2DX/HBØ	PY1MO	ZP5AN
DA2DX/LX	PY1PY	ZP5AO
EA8CR	PY4AKL	ZP5CBL
EA8GZ	PZ1CF	ZP5CD
EA8JJ	P29BS	ZP5CF
EA8QR	SM5BUT	ZP5EC
EL2BI	SMØCER	ZP5EF
EL2CB	SP9PT	ZP5KB
EL2EN	SU1IM	ZP5LX
EL2ET	SU1MI	SP5PT
EL2EU	SVØWC	ZP5PX
EL2EV	SVØWEE	ZP5RL
EL2X	SVØWUU	AP5WU
EP2DX	SVØWXX	ZP5YD
EP2KB	TG8DX	4S7DA
EP2RL	TG9DX	4W1GM
EQ2DX	TI2JCC	4X4RD
FØAZC	TR8LE	4S4UH
FGØAFC/FS7	UA3FF	4Z4PG
FGØDDB/FS7	UC2BF	5A5TR
FGØDYM/FS7	UM8FM	5A5TR
FL8KP	UWØMF	5U7AG
FY7AX	VE1BFV	5Z4PI
GW3DZJ	VK9BS	5Z4PP
HC8GI	VP2ABA	8P6BU
HH2WF	VP2EEG	8P6FU
HI8LAP	VP2EY	8P6FV
HI8MOG	VP2KAA	8P6IJ
HI8XRG	VP2KAB	9C9DX
HM1EJ	VP2KK	9G1JN
JA1IVV	VP2KX	9G1sm
JA6BEE	VP2LAO	9H4L
JY9DX	VP2LDI	9J2AB
J28AI	VP2VDQ	9J2US
KG6JCZ	VP2VY	9J2YL
KH6GI	VP8HA	9K2DC

CQWW CONTEST PROPAGATION FORECAST

10 Meters:

1300Z - 1800Z	Western Europe
1200Z - 2200Z	Southern Africa
1200Z - 2300Z	South America
1800Z - 2400Z	South Pacific
2200Z - 2300Z	Japan

15 Meters:

1100Z - 1800Z	Eastern Europe
1100Z - 2100Z	Western Europe
1200Z - 1600Z	Central Asia
1100Z - 2400Z	Southern Africa
1100Z - 0200Z	South America
1300Z - 1500Z	Australia
1700Z - 0200Z	South Pacific
2100Z - 0100Z	Japan

40 & 80 Meters:

0300Z - 0400Z	Eastern Europe
0500Z - 0600Z	Western Europe
1800Z - 0900Z	Southern Africa
0800Z - 0900Z	South America
0900Z - 1000Z	South Pacific
0900Z - 1000Z	Hawaii
0900Z - 1000Z	Alaska
0900Z - 1000Z	Japan

Note:

80M & 40M operation will require "split" capability. On 80M listen for DX stations transmitting below 3800KHz and listening for "state-side" above 3800 KHz (the DX station will announce the frequency that he is listening on).

On 40M listen for DX stations transmitting between 7060 and 7100 KHz (listening frequency generally from 7125 KHz to 7250 KHz).

Whether your DX interest is contesting, following DXpeditions, looking for a new country or ragchewing with a ZL or VK, the good days of DX'ing are back. Gud luck es Gud DX.

73

Ron, AA4VK

During a time like this we realize how much our friends really mean to us...

Your expression of sympathy will always be remembered by the family of

Ena Bargamian

"AMATEUR ASSOCIATES"

"IN" "STOCK"

• ANTENNA TOWERS AND ACCESSORIES

• ANTENNA ROTORS AND ROTOR CABLE

• COPPERWELD ANTENNA WIRE AND INSULATORS

• RG 8/U AND RG 8X COAX CABLE--PL 259s

" GET A QUOTE FROM US BEFORE YOU DECIDE TO BUY"

HAM COOPER WB4SZZ-JACK KENNY WB4MCU

TELEPHONE 919-833-9672 . RALEIGH, N. C.

MINUTES OF THE MEETING - September 6, 1978

The regular monthly meeting of the Raleigh Amateur Society (RARS) was held in the West Community Room at Crabtree Valley Mall on September 6, 1978. The meeting was called to order by President Chuck Littlewood, K4HF. Members and guests were welcomed. The attendance roster was signed by 86 persons.

President Littlewood made the following announcements:

Upcoming hamfests include: Tidewater, September 23 and 24; Asheville, October 7; and Eastern North Carolina, October 15 at Craven County Fairgrounds in New Bern.

Members were reminded that a nominating committee has been appointed to select candidates for the offices of vice president and treasurer for a two-year term beginning January 1, 1979. Nominations will be made at the October club meeting. Member's suggestions are solicited by the committee. Al Clement, N4VH, chairman, Bob Corns, K4MC, Pat Whetzel, WA4CLT and C. T. West, WD4HSI.

Operators are needed to man a Red Cross communications center at the State Fair, Oct. 13 - Oct. 20. Operators are needed for two shifts, 5:00-8:30 p.m. and 8:00-11:30 p.m. An orientation session will be held at 2:30 p.m. Oct. 8, 1978 at the Fair Grounds. Persons interested should contact C. T. West, WD4HSI, or Bob Corns, K4MC.

The Club has a tradition of having a Christmas party early in December. The party is usually held on Sunday evening, early in December, at a member's home. Anyone having suggestions or wishing to host this year's party should contact Chuck Littlewood, K4HF.

Novice and upgrade classes are scheduled to begin September 11, 1978 at the McKimmon Center, NCSU.

Herman Cone, WB4DBB, has served for two years as the chairman of CVRA's frequency allocation committee. Herman was congratulated for a job well done.

Bert Bailey, W4FMN, made announcements concerning RACES and the new Weather Watch project. Ann Bradley, WA4APK, was commended for her services as secretary of the RARS two meter net.

Mr. John McClain, Meteorologist in charge at the National Weather Service Forecast Office at Raleigh-Durham Airport, presented a most interesting film on weather. Mr. McClain answered questions following the film and discussed how amateur radio could provide much needed services to the Bureau. A motion was passed to allocate up to fifty dollars to provide a two-meter antenna system at the Raleigh-Durham Weather Service site.

Coffee, doughnuts and fellowship followed the program. Prizes for the evening were drawn with the following results: Mike Matzinger, WD4OZX, won 50 feet of RG8 coax with connectors and Will Roberts, AA4NC, will be the guest writer for the October issue of the RARS Newsletter.

(Secretary's Note: The Minutes of the meeting of July 5, 1978 should have included the following action taken by the Club membership. A motion was made and passed authorizing the Board of Directors to release the Club roster to individuals, clubs or companys where deemed appropriate and of benefit to the membership.)

Jim Peeler, WA4YOM Secretary of RARS

COASTAL KILOHERTZ

By

Tom Graham, WB4WII

Honorary Member, RARS

When I was in Raleigh at the Ham Fest in April, I ran into your editor, C. T., and he extracted from me a promise to send him an occasional column from the coast. Not having done so, he writes that he wants something for the October Newsletter, so we'll see if we can't find something to talk about for a couple of minutes.

After being away from Raleigh for 2 1/2 years now, the XYL and I have come to love this area very much and are very happy in our retirement.

I guess I miss RARS and its activities as much as any other single thing. Carteret County does not have a club, although there is one in Jacksonville, about 25 miles away, and one in New Bern, about 40 miles away.

Am located at the intersection of Hwys 24 and 58, just before you cross the bridge to Emerald Isle. Our home is just a few hundred yards from Bogue Sound. The name of the place is Vacation Village, a park of 80 mobile homes.

Still very much active on the air, and have become a member of the JFK, Coastal Carolina, and the Tarheel Emergency Nets, and check into all as often as possible, and handle some traffic.

Get on the other bands some during the daylight hours. My station at present consists of a Tempo 2020, with the old Tempo One as a standby, a Dentron Super Tuner, and a Swan FM 2X with the RARS amplifier for 2 meters. Antennas are the Hustler 4BTV trap vertical, 10 through 80 meters, a Ringo up 25 feet for 2 meters, and an 80 meter cross between a dipole and inverted vee, which works out very well.

Several active hams in the immediate area. Burt, EC for Carteret County, is just down the road. (Burt, by the way, has appointed me Asst. EC for the county.) Maurie, K4JFN, is less than 2 miles away. Dave, WA4PHO, and Jim, K4PRJ, both have vacation homes here in the Village, and expect Grover, WA4PID, sometime in October. Gene, WA4QND, is down 24 about 3 miles. Toward Morehead. Gene, By the way, has just opened the Goose Creek Steak & Seafood House. So when you are in the area, drop by and visit with Gene, and have a good meal. The XYL and I had dinner there a few days ago, and it's tops. Open from 5 to 11 p.m.

Now for you fishermen: It ain't been good. Been too hot and the water's too warm. But it's beginning to pick up, and should be very good in October and well into November.

Several of the RARS members have stopped by for a visit, which we have enjoyed very much. Carroll, WB4TCR, was here late in August, and informed us he's heading for California. RARS is losing a good member in Carroll. There is a standing invitation to all of you to stop by when you are down this way.

So for now, 73's to all of you, and maybe we'll hit there on a meeting night one of these days before long. BCNU.

The family of
Joseph Gilbert Elkins, junior
acknowledges with grateful
appreciation your kind expression
of sympathy

The article was most appreciated you wrote about Joe.
Martha

! HEY HAMS !

NEW HOPEFULS MATURE

Authentic Record, Almost Forty Years!
The League's Journal — QSTs by Yearly Grouping

Available from Raleigh Amateur Radio Society

Complete Years:	ea	all
1935 thru. 1940	$5.00	$225.00
1944 " 1975	3.00	$96.00

Partial Years			ea
1933	Short	Feb & April	$2.00
1941	"	Nov	2.00

THESE TELL AND SHOW WHAT IT WAS!

Contact Jesse Hodges - W4JG - 310 POGUE St.
Raleigh, N.C. 27607
Shipping weight approximately 8# per Year

CHECKING WITH CHUCK

by

Chuck Littlewood, K4HF
President, RARS

The amateur radio licensing classes at NCSU are off to a great start with over 60 students for the novice and 25 students for the general class.

The nominating committee for officers and directors will make its report at the October 4 regular RARS meeting. If you have not made your suggestions to the committee, you may nominate someone at the meeting. It would seem appropriate to discuss the job and get your nominee's approval to serve RARS before placing his name on the ballot. Elections will be held at the regular RARS meeting on November 1.

There was considerable interest concerning the weather watch alert system as outlined by our guest speaker, John McClain, at the September meeting. Our Emergency Coordinator, Bert Bailey, W4FMN, and his staff have the charge to develop a workable system in Wake County and help with liaison in a statewide program.

Bob Corns and C. T. West have a list of some 20 volunteers to help man the N. C. State Fair Red Cross communications station. October 8 at 2:30 p.m. at the Red Cross First Aid Station on the fairgrounds is the place to be for those who will assist.

November 1, 1978 is the deadline to request an amateur radio call sign license plate from the N. C. Department of Motor Vehicles in Raleigh. MVR-35 is the form to request. The name on the non-business vehicle title must agree with the name of the call letter licensee. All classes of amateur licenses can apply for call letter tags.

Congratulations to Bill Parris, AA4R, for his recent election to a full term as ARRL Section Communications Manager for North Carolina.

AA4L (Bob Johnson) and K4HF are recent members to the Quarter Century Wireless Association (QCWA).

From HR Report:

Drake announced recently a new two KW 160-10 meter antenna coupler

to handle wires, balanced line and coax feedlines. A new low-priced all band transceiver and matching desk top KW amplifier are in the design stages, and W8AD is looking for suggestions on features from interested amateurs.

RARS is still looking for a good place to hold our Christmas social.

Thanks go to all RARS members who helped man the RARS booth at the CB Jamboree. The cooperation with the Raleigh United CB Radio Club and those in attendance at the Jamboree was great.

Let's be reminded that the FCC would like us to use both the prefix and suffix of our call signs when we start or stop a QSO.

Don't forget to save up your used ham gear and junque for the RARS annual auction at the regular November 1 meeting.

You Help RED CROSS when You Share the United Way

25 YEARS A HAM?

JOIN QCWA

Have you been a continuously licensed ham for 25 years or more?

Bob Johnson, AA4L, wants you to join the Quarter Century Wireless Association. He is seeking members for a Research Triangle Chapter of QCWA.

If you've been a ham for more than 25 years, call Bob at 787-6044. He wants to talk to you.

Points of Interest. . .

Elsewhere in this issue is a letter to the editor from ARRL Communications Manager George Hart, W1NJM.

He takes issue with an article with one of our columnists, Mike Everette, WA4DLF. Mike's article appeared in two parts, in the August and September issues.

The editor is pleased to observe that Newington notes what Raleigh does.

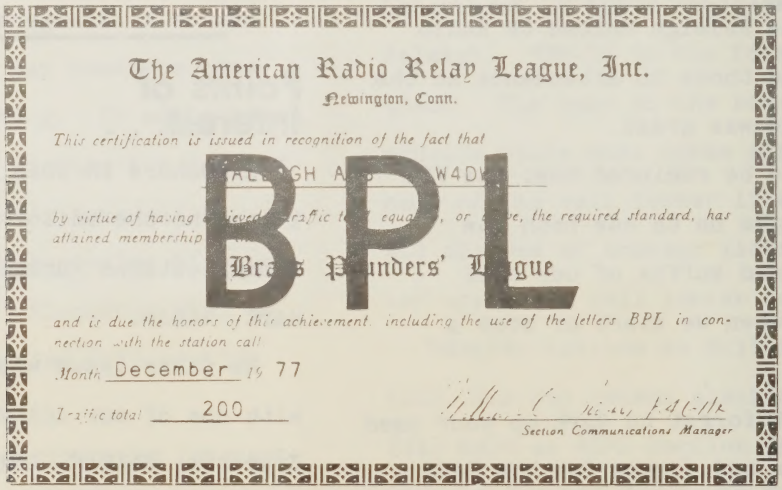
Amateur radio operator Danny Hampton, who is associated with

WTVD-TV, Channel 4 in Raleigh, recently used his ham contacts to help determine what effect the switch to a new 2,000-foot tower had on the station's signal.

According to a local newspaper report, Hampton put together a network of fellow hams in Greensboro, Dunn, Smithfield, Fayetteville, Southern Pines, Asheboro, Tarboro, and High Point to give him feedback on signal reception. He said all reported clear reception.

The station says its 2,000-foot, $2.5 million tower is the tallest man-made structure east of the Mississippi River.

When it started to rain 30 minutes before a christening ceremony attended by 600 persons, a station official said the tower was so tall it had "poked a hole in the clouds."



The American Radio Relay League, Inc.

Newington, Conn.

This certification is issued in recognition of the fact that

RALEIGH A[illegible] W4DV[illegible]

by virtue of having achieved traffic totals equal to, or above, the required standard, has attained membership in

Brass Pounders' League

and is due the honors of this achievement, including the use of the letters BPL in connection with the station call.

Month December *19* 77

Traffic total 200

Section Communications Manager

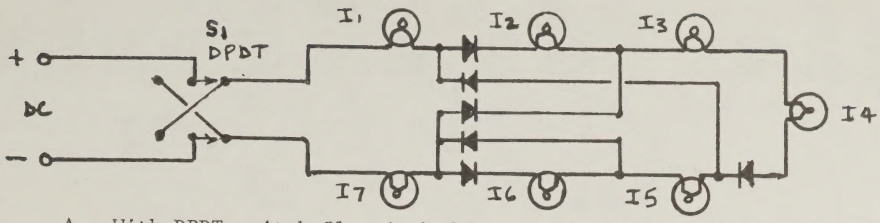
Raleigh Amateur Radio Society was awarded this certificate of membership in the Brass Pounders' League for the amount of traffic handled during the club's annual Christmas message project at Crabtree Valley Mall last December.

The club seeks to handle even more traffic this year.

The Christmas, 1978 project is only two months away.

You are needed. Will you help?

Electronic Brain Teaser #4



A A. With DPDT switch S1 switched as in schematic, which lamps are "on", which are "off", and what is their relative brightness?

B. With S1 reversed. which lamps are "on", "off", and relative brightness?

Answers to Brain Teaser #3:

A. Switch as shown in schematic: AB = 23.8956K ohms; CD = 27.9569K ohms.

B. Switch reversed: AB = 17.7544K ohms; CD = 23.4474K ohms.

--Jack Hanner, K4IHS

From the Editor's Desk:

Recent issues of RARS News have had good articles by club members. This issue also has good member articles.

Ron Oates is now doing a monthly DX column, and it's very good. He deserves much credit and encouragement. I hope you will express your appreciation to him personally. He puts much time and thought and energy into the column, as well as his ham activities. He also has to work for a living.

My personal thanks go to Mrs. Oates for her good typing work. The column is camera ready when Ron sends it to me. Until you sit in the editor's chair, you cannot appreciate how much that helps.

This is a club newsletter. It is intended that most of it be written by members. The editor's job is to edit the paper, that is, to make everything fit, to fill in the holes.

As a member of RARS, this newsletter provides you an opportunity to speak to all the members of the club and many others.

RARS CALENDAR OF EVENTS

October 4
Regular RARS meeting.

October 7
Western N. C. Hamfest
Asheville, N. C.

October 8
Gaithersburg, Maryland
Hamfest.

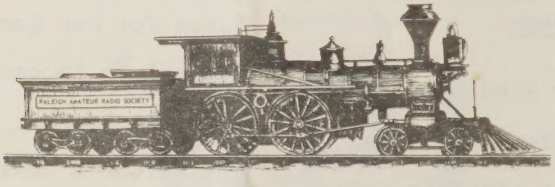
October 15
Eastern N. C. Hamfest
New Bern, N. C.

October 18
RARS Board meeting.
All welcome.

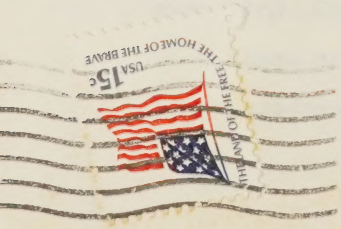
October 20
Crabtree Valley Mall
Traffic Night.

RARS meets each first Wednesday at 7:30 p.m. in the West Community Room of Crabtree Valley Mall.

RARS 2 METER FM NET - Meets Every Night Monday Thru Sunday at 8:00 p.m.
146.04/146.64 Repeater
RARS 10 METER SSB NET - Monday, Tuesday, Thursday, Friday Nights
7:00 p.m. - 28.540 MHz



First Class Mail



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